

LWS Project Scientist Status Meeting
08-October-2004
O. C. St. Cyr

LWS Program Web Site ([LWS Program](#))

LWS Science Web Site ([LWS Science](#)) is now live. We will begin to expand it over the upcoming months, so please give us your comments.

*TRANSFORMATION

NASA transformation activities continue at Headquarters and at Goddard. The merging of Code 600 (Space Science) and Code 900 (Earth Science) at Goddard mirrors the HQ transformation. It appears LWS science will be in the Sun-Earth Exploration Division, and Franco Einaudi (formerly the Director of Code 900) will be the head. We will be in the Laboratory for Solar and Space Physics, which will be composed of the Solar Physics Branch (682-Rabin), Interplanetary Physics Branch (692-Moore), Electrodynamics Branch (696-Slavin), and the Space Science Data Office (630-Green).

*[Sun-Solar System Connections Roadmap](#)

The "Division-formerly-known-as-SEC" Roadmap exercises have begun. Todd Hoeksema (Stanford) is Chair, and Tom Moore (GSFC) is Co-Chair. The community town-hall meeting is scheduled for November 16-17 in Greenbelt.

Jim Spann is hosting an Imaging Workshop ([Imaging Workshop](#)) November 9-10 in Huntsville. The results of this activity will feed into the Roadmap exercise.

*[Solar Dynamics Observatory \(SDO\)](#)

Preparations for a April mission CDR continue. An offer for the SDO PS position has been extended.

*GEOSPACE

The Geospace science team has been meeting weekly to complete the brochure, targeted for SECAS and HQ. They have also been documenting the trades for the spin-axis orientation for RBSP, reviewing the engineering studies for the missions, and documenting the conjunctions between the notional Swarm and ITSP missions. The Geospace AO is awaiting release at HQ.

*SENTINELS

The first Solar Sentinels SDT meeting was held September 8-10 at UCB. Bob Lin is the Chair; Haydee Maldonado is the the Study Manager; and Adam Szabo is the Study Scientist. Remote sensing scientists are represented on this team (none were on the Heliospheric Strategy Panel).

*[Solar Probe](#)

The third STDT meeting for Solar Probe was held September 22-23 at Montana State University. Several key decisions were made by the team at this meeting. The next meeting is scheduled for January 11 at SwRI in San Antonio. Weekly engineering meetings in support of Solar Probe STDT continue at APL.

*Space Environment Testbeds (SET)

PDR in October, with Confirmation Review scheduled for January.

*[Targeted Research & Technology \(TR&T\)](#)

A large number of proposals (147) were received in response to this year's NRA. Eight review panels are being assembled. Most of the respondents appear to have selected the targeted focus areas.

*[LWS Data Environment](#)

Aaron Roberts is planning an SEC Data Environment Technical Workshop for October 27-29. LWS will sponsor this meeting, which will take place in Greenbelt at the Marriott.

*[LWS Education and Public Outreach \(E/PO\)](#)

J. Rumburg and LWS E/PO activities included Space2004 (Sept, San Diego).

Future Activities

United Nations (October, NY)
AGU (December, San Francisco),
AMS (January, San Diego).

*OTHER

A Solar Sail Workshop was held in Greenbelt September 28-29. It was a kick-off activity for the ST-9 opportunity.

=====
Other topics discussed during meeting:

Rust described the progress of the balloon roadmapping team.

Jackman described the Sun-Climate grass-roots effort, started by B. Thompson, that is taking form at Goddard. Approximately four FTEs are currently studying various aspects of that topic, and there is interest in expanding locally. Potential mission scenarios were discussed. Rust (Solar Bolometric Imager) expressed interest in participating in the group.

The Radiation Belt Workshop was well attended this past week, with participants from industry, academia, and government labs. There was much interest in the RBSP mission from this group.

IHY planning continues with the next meeting at GSFC October 19-21.
Discussions are beginning with the UN about sponsorship of small instrument grants.

Fox distributed copies of the new Polar DVD.

*ATTENDEES

N. Fox
B. Mauk
D. Rust
D. Haggerty
D. Sibeck
B. Labonte
C. Jackman
A. Szabo
M. Guhathakurta (telecon)